

Converting Colors

Yxy(34.3839, 0.3371, 0.3440)

Have a look what the booklet for
Yxy(34.3839, 0.3371, 0.3440)
contains.

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Color

Yxy(34.3983, 0.3362, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	AA9C92
RGB	170, 156, 146
RGB Percent	67%, 61%, 57%
CMY	0.3332, 0.3882, 0.4275
CMYK	0.00, 0.08, 0.14, 0.33
HSL	25°, 12%, 62%
HSV	25°, 14%, 67%
XYZ	33.6575, 34.3983, 32.0557
YIQ	159.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

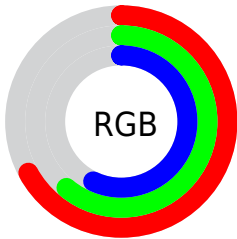
Format	Color
RYB	170, 163, 146
Decimal	11181202
CIELab	65.28, 3.41, 7.08
CIElCh	65, 7.861, 64.323
Yxy	34.3983, 0.3362, 0.3436
Android (android.graphics.Color)	4289371282 (0xFFAA9C92)
YUV	159.0460, -6.4317, 9.6067
Hunter-Lab	58.6501, -0.2019, 8.6496

Details

The Yxy color **34.3983, 0.3362, 0.3436** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1612, 0.2912, 0.3139**, and the grayscale version is **34.7208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2709, 0.3312, 0.3401**, and **14.7992, 0.3436, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **30.7140, 0.3560, 0.3546**, and if you desaturate by 10%, it is **38.4365, 0.3191, 0.3331**.

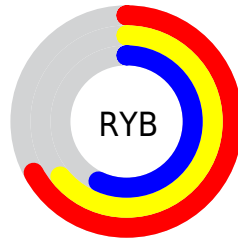
Distribution



Red (67%)

Green (61%)

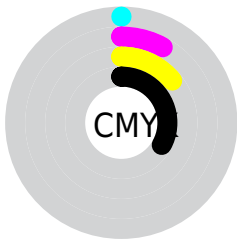
Blue (57%)



Red (67%)

Yellow (64%)

Blue (57%)

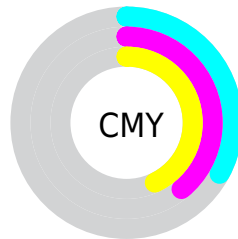


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (33%)



Cyan (33%)


Magenta (39%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3983, 0.3362, 0.3436 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 34.3983, 0.3362, 0.3436 by changing the saturation by 10% instead.


 34.3983, 0.3362,
0.3436


 34.3983, 0.3362,
0.3436


321.9044, 0.3238,
0.3360

 23.1998, 0.3395,
0.3456

 66.5526, 0.3315,
0.3408

 14.7411, 0.3439,
0.3482


 88.2771, 0.3298,
0.3397

 8.6379, 0.3501,
0.3518

114.2791, 0.3284,
0.3389

 4.5057, 0.3592,
0.3570

144.9429, 0.3272,
0.3381

 1.9603, 0.3741,
0.3652

180.6529, 0.3262,
0.3375

 0.5843, 0.4682,
0.4285

221.7936, 0.3253,

 0.0000, 0.0000,


0.3369


0.0000


268.7493, 0.3245,
0.3364


 34.3983, 0.3362,
0.3436


 34.3983, 0.3362,
0.3436


 30.7140, 0.3560,
0.3546


 38.4365, 0.3191,
0.3331


 27.3690, 0.3787,
0.3658


 42.8335, 0.3043,
0.3233


 24.3545, 0.4044,
0.3768

 47.5999, 0.2916,
0.3143

 21.6594, 0.4328,
0.3867

 52.7444, 0.2807,
0.3060

 19.2720, 0.4632,
0.3947

 58.2757, 0.2713,
0.2984

■ 17.1797, 0.4943,
0.3994

■ 64.2017, 0.2631,
0.2914

■ 15.3688, 0.5240,
0.3996

■ 69.8690, 0.2609,
0.2956

■ 13.8239, 0.5500,
0.3947

■ 75.4060, 0.2624,
0.3070

■ 13.0285, 0.5640,
0.3904

■ 81.2602, 0.2638,
0.3182

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.3983, 0.3355, 0.3341



34.3983, 0.3362, 0.3436



34.3983, 0.3304, 0.3494

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.3983, 0.3362, 0.3436



34.3983, 0.2969, 0.3344



34.3983, 0.3052, 0.3092

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.3983, 0.3362, 0.3436



34.1612, 0.2912, 0.3139

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



34.3983, 0.2951, 0.3089



34.3983, 0.3362, 0.3436



34.3983, 0.2904, 0.3232

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.3983, 0.3362, 0.3436



34.3983, 0.3077, 0.3442



34.3983, 0.2898, 0.3139



34.3983, 0.3174, 0.3145

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.3983, 0.3362, 0.3436



34.3983, 0.3238, 0.3503



34.3983, 0.2898, 0.3139



34.3983, 0.3014, 0.3085

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.3998, 0.3362, 0.3436



69.7649, 0.3190, 0.3331



31.6563, 0.3237, 0.3082



15.4322, 0.3202, 0.3338



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.3998, 0.3362, 0.3436



60.2058, 0.3422, 0.3470



38.4892, 0.3339, 0.3599



8.0363, 0.3276, 0.3384



9.6861, 0.5621, 0.3919



0.3373, 0.5045, 0.4376

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.1612, 0.2912, 0.3139



59.6867, 0.2863, 0.3103



30.3172, 0.2906, 0.2961



8.0006, 0.2987, 0.3194



8.8420, 0.1859, 0.1891



0.3126, 0.2001, 0.2405

Previews

White Background



This preview shows how the Yxy color 34.3983, 0.3362, 0.3436 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 34.3983, 0.3362, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

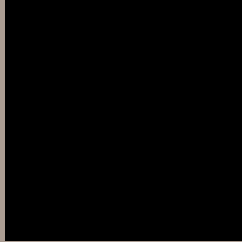
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.3983, 0.3362, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 34.3983, 0.3362, 0.3436.

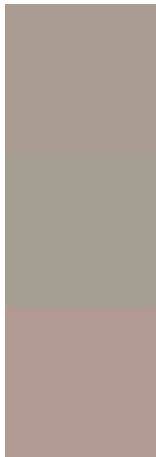


This preview shows how white text looks on a background with the Yxy color 34.3983, 0.3362, 0.3436.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.3983, 0.3362, 0.3436

Protanopia

34.4528, 0.3288, 0.3453

Deuteranopia

34.3540, 0.3441, 0.3376



Tritanopia

34.3833, 0.3215, 0.3121

Trichromacy



Original Color

34.3983, 0.3362, 0.3436

Protanomaly

34.3275, 0.3309, 0.3437

Deuteranomaly

34.3317, 0.3408, 0.3391

Tritanomaly

34.3505, 0.3270, 0.3233

Monochromacy



Original Color

34.3983, 0.3362, 0.3436

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.5733, 0.3212, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3983, 0.3362, 0.3436 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(170, 156, 146)` looks like.

```
.text, #text, p{  
    color:rgb(170, 156, 146)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(170, 156, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 156, 146) }
```

Border

The CSS property to change the border of an element to Yxy 34.3983, 0.3362, 0.3436 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 156, 146) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(170, 156, 146) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(170, 156, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 156, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 156, 146);  
box-shadow:4px 4px 4px 4px rgb(170, 156,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3983, 0.3362, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 156, 146) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(170,  
156, 146) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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